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United States Patent and Trademark Office

From: Mark V. Secley

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Phone: 408-765-7382

Subject:

Amendment in Application Serial No. 10/618,226

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Application No.:

10/618,226

Filing Date: July 11, 2003
First Named Inventor: Robert Chau et al.

Group Art Unite:

2813

Examiner Name: J. Chen Attorney Docket No.: 42390.P12759

Enclosures:

1. Transmittal Form (1 page).

2. Fee Transmittal for FY 2004 (1 page in duplicate).

3. Response (4 pages).

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		Art Unit	2813				
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		Attorney Docket Number	042390				
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Date	September 8, 2004						
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	Filing Date July 11, 2003	11, 2003					
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SUBMITTED BY (Complete (# applicate))							
Name (Print/Type) Mark V. Seeley	Registration No. 22 200						
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a yaild OMB control number. Complete If Known FEE TRANSMITTAL 10/618,226 Application Number Filing Date July 11, 2003 for FY 2004 Robert Chau ot at First Named Inventor Effective 10/01/2003, Potent fees are subject to annual revision. Examiner Name J. Chen Applicant claims small entity status. See 37 CFR 1.27 2813 Art Unit **TOTAL AMOUNT OF PAYMENT** (\$) 0.00Attorney Docket No. 042390.P12759C METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued) 3. ADDITIONAL FEES Check Credit card Other None arge Entity | Small Entity Deposit Account: Fee Description Deposit Account (5) Code Code (\$) Fee Paid 50-0221 1051 130 2051 85 Surcharge - late filing fee or oath Numbo Deposit Account Surcharge - late provisional illing fee or cover sheet 1052 60 2052 Intel Corporation 130 Non-English specification 1053 130 1053 <u>The Director is authorized to: (check all that apply)</u> 1812 2,520 For filing a request for ex parto reexamination 1812 2.520 Charge fee(s) indicated below ✔ Credit any overpayments 1804 920 1804 920* Requesting publication of SIR prior to Examiner action Charge any additional fee(s) or any underpayment of fee(s) Charge fee(s) indicated below, except for the filing fee 1805 1.840 1805 1,840* Requesting publication of SIR after to the above-identified deposit account. 1251 2251 Extension for reply within first month FEE CALCULATION 420 Extension for reply within second month 1252 2252 1. BASIC FILING FEE 1253 950 2253 476 Extension for reply within third month arge Entity Small Entity Fee Pald Fee Description ee Fee 1254 1,480 2254 740 Extension for reply within fourth month 2255 1,005 Extension for reply within lifth month 1255 2,010 1001 770 2001 385 Utility filling fee 1401 330 2401 165 Notice of Appeal 1002 340 2002 170 Design (Illng fee 1402 330 2402 165 Filling a brief in support of an apposi-1003 530 2003 265 Plant filing fee 2004 385 Relasue filing fee 1403 200 2403 145 Request for oral hearing 1004 770 1451 1,510 1451 1,510 Pelition to institute a public use proceeding 1005 160 2005 Provisional filing fea 1452 110 2452 55 Pelition to revive - unavoidable SUBTOTAL (1) (\$) 0.00 1453 1,330 2453 665 Polition to revive - unintentional 2, EXTRA CLAIM FEES FOR UTILITY AND REISSUE 1501 1,330 2501 665 Utility Issue fee (or reliquie) Fee from Ext<u>ra Claim</u>s Fee Paid below 1502 460 2502 240 Design issue fee x 18 Total Claims Ö 1503 840 2503 320 Plant issue fee Independent Claims x 86 1 0 1460 130 1460 130 Pelitions to the Commissioner Multiple Dependent 1280 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) Large Entity (Small Entity 1806 180 180 Submission of Information Disclosure Stmt 1806 Fee Description 40 Recording each patent assignment per Code (\$) Code (\$) 8021 40 8021 property (times number of proporties) 1202 18 2202 9 Claims in excess of 20 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1809 770 2809 1201 86 2201 43 Independent claims in excass of 3 Multiple dependent claim, if not paid 385 For each additional Invention to be examined (37 CFR 1.129(b)) 1203 290 2203 145 1810 770 2810 1204 88 2204 Relssue independent claims 43 over original patent 1801 770 2801 385 Request for Continued Examination (RCE) 1205 ** Reissue claims in excess of 20 18 2205 9 1802 900 1802 900 Request for expedited examination and over original patent of a dealgn application Other fee (apacify) (\$) 0.00 SUBTOTAL (2) *Reduced by Basio Filing Fee Paid SUBTOTAL (3) **or number previously paid, if greater; For Reissues, see above (\$) 0.00SUBMITTED BY (Complete (# applicable)) Registration No. Name (Print/Type) Mark V, Seeley 32,299 Tolophone 408-765-7382 (Attomey/Acont)

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FROM, : INTEL CORP.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Robert Chau et al.

Serial No.: 10/618,226

Filed:

July 11, 2003

For:

A METHOD FOR MAKING A SEMICONDUCTOR

DEVICE HAVING A HIGH-K GATE DIELECTRIC

Which is a Continuation of Application:

Serial No.: 10/082,530

Filed: February 22, 2002

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

J. Chen Examiner:

2813 Art Unit:

Attorney Docket No: P12759C

Examiner: C. Lee

Art Unit: 2825

RESPONSE

Sir:

In the office action mailed August 24, 2004, the examiner concluded that applicants must elect a single disclosed species from the 13 listed in claim 21 (i.e., hafnium oxide, lanthanum oxide, zirconium oxide, zirconium silicon oxide, titanium oxide, tantalum oxide, barium strontium titanium oxide, barium titanium oxide, strontium thanium oxide, yttrium oxide, aluminum oxide, lead scandium tantalum oxide, and lead zinc niobate). Applicants admit that these 13 disclosed species are not patentably distinct. Given that admission, applicants respectfully request the examiner to withdraw the restriction requirement.

If, despite this admission, the examiner continues to maintain the restriction requirement, applicants elect hafnium oxide as the single disclosed -1-LJV/cak (10/01/97) species to be examined along with the invention of claim 21. This election is accompanied by a complete listing of all claims in the application.

Respectfully submitted,

Dated: September 8, 2004

Mark V. Seeley Reg. No. 32,299

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